

S15 8	0	Hideaki.in. and 455/550.1.ccls.	USPAT	OR	OFF	2004/07/12 16:01
S15 9	188907	(impedance matching) and (Circuit or switch)	USPAT	OR	OFF	2004/07/12 16:01
S16 0	402	Hideaki.in. and ((impedance matching) and (Circuit or switch))	USPAT	OR	OFF	2004/07/12 16:57
S16 1	3	(Hideaki.in. and ((impedance matching) and (Circuit or switch))) and Yasuhito.in.	USPAT	OR	OFF	2004/07/12 16:02
S16 2	0	"6670924".URPN.	USPAT	OR	OFF	2004/07/12 16:04
S16 3	6	("6137446"   "6198442"   "6211830"   "6326924"   "6342859"   "6388626").PN.	USPAT	OR	OFF	2004/07/12 16:05
S16 4	5	("5335366"   "5874920"   "5986608"   "6285327"   "6295462").PN.	USPAT	OR	OFF	2004/07/12 16:08
S16 5	6	("6137446"   "6198442"   "6211830"   "6326924"   "6342859"   "6388626").PN.	USPAT	OR	OFF	2004/07/12 16:47
S16 6	81	(Hideaki.in. and ((impedance matching) and (Circuit or switch))) and (flip or fold\$3)	USPAT	OR	OFF	2004/07/12 16:50
S16 7	82	(Hideaki.in. and ((impedance matching) and (Circuit or switch))) and (portable or radio or phone or wireless or cellular or mobile)	USPAT	OR	OFF	2004/07/12 16:58
S16 8	71170	Hideaki.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:17
S16 9	34	S168 and ((portable or mobile or wireless or radiotelephone) same (flip or fold\$3 or pivot\$3))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:18
S17 0	5	("6137445"   "6198441"   "6211830"   "6326924"   "6388626").PN. OR ("6768464").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 14:28
S17 1	4478	343/702,822,829,841,846,872.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:24
S17 2	3228	455/90.1-90.3,550.1,575.1,575.3,575.4,575.5,575.7,575.8.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:45
S17 3	263	S171 and S172	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:45
S17 4	0	S173 and (resonater\$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:45

S17 5	37	S173 and (resonat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 14:52
S17 6	64	("0676332"   "1837678"   "2966679"   "2993204"   "3573840"   "4012744"   "4121218"   "4137534"   "4161737"   "4169267"   "4229743"   "4356492"   "4571595"   "4723305"   "4742359"   "4860020"   "4868576"   "5020093"   "5204687"   "5216436"   "5241322"   "5298910"   "5311201"   "5317325"   "5353036"   "5363114"   "5386203"   "5436633"   "5438339"   "5446469"   "5451974"   "5467096"   "5471221"   "5479178"   "5532703"   "5546094"   "5548827"   "5550820"   "5594457"   "5612704"   "5635943"   "5661496"   "5754143"   "5917450"   "6225958"   "6278864").PN. OR ("6343208"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 14:51
S17 7	15	S176 and (resonat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:06
S17 8	5248	((open\$3 adj clos\$3) near (detect\$3))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:09
S17 9	6	((open\$3 adj clos\$3) near (detect\$3)) same resonat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:13
S18 0	4	S178 and ((mobile or portable or fold\$3 or pivot\$3 or wireless or radiotelephone or phone) same (dipole near antenna))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:17
S18 1	100	Kozakai.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:17
S18 2	5317	S178 and14	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:17
S18 3	1	S178 and S181	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:17
S18 4	2	S181 and dipole near antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:22
S18 5	1	"5542106".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 15:22

S18 6	30	("5542106").URPN.	USPAT	OR	OFF	2004/12/30 15:23
S18 7	0	S186 and ((resonat\$3) same (open\$3 near clos\$3))	USPAT	OR	OFF	2004/12/30 15:24
S18 8	7	S186 and (open\$3 near clos\$3)	USPAT	OR	OFF	2004/12/30 15:29
S18 9	8	("4992799"   "5337061"   "5542106"   "5561437"   "5608413"   "5752204").PN. OR ("6327485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 15:29
S19 0	3	S189 and (open\$3 near clos\$3)	USPAT	OR	OFF	2004/12/30 15:31
S19 1	1	"5561436".pn.	USPAT	OR	OFF	2004/12/30 16:02
S19 2	4	((resonator\$1) near (dipole adj antenna))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 16:05
S19 3	32	((resonator\$1) with (dipole adj antenna))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/30 16:05
S19 4	1	"6751446".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 10:37
S19 5	5	("6104808"   "6314183"   "6356538"   "6359984"   "6434371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 10:39
S19 6	3	S195 and (open same close)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:03
S19 7	1	"6442400".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:04
S19 8	1	S197 and resona\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:29
S19 9	83	Nec.as. and Tamura.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:29
S20 0	10	S199 and (flip or fold\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:36
S20 1	2	("5809433" "5969688").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 11:36
S20 2	4497	343/702,822,829,841,846,872.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:25

S20 3	68	S202 AND (resonator\$1 near antenna)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:42
S20 4	2539	343/700,702.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 09:53
S20 5	2539	343/702.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:41
S20 6	49	S204 AND (resonator\$1 near antenna)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 15:42
S20 7	1	("6545642").URPN.	USPAT	OR	OFF	2005/01/11 16:39
S20 8	369	S204 and (dipole adj antenna)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 17:17
S20 9	35	S208 and (flip or pivotal and fold\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/11 17:18
S21 0	5	("6137445"   "6198441"   "6211830"   "6326924"   "6388626").PN. OR ("6768464").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 17:26
S21 1	7	S204 and ((dipole adj antenna) with (resonator))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 17:27
S21 2	0	("6653978").URPN.	USPAT	OR	OFF	2005/01/11 17:31
S21 3	13	("5696517"   "5764198"   "5818398"   "5867126"   "5909198"   "5926139"   "5986609"   "5999146"   "6028554"   "6054956"   "6064351"   "6326919"   "6353443").PN. OR ("6653978").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 17:31
S21 4	16	("5014346"   "5170173"   "5451965"   "5542106"   "5572223"   "5809433"   "5995052"   "6011519"   "6198943"   "6266538"   "6300910"   "6307511"   "6327485").PN. OR ("6600450").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/11 17:42
S21 5	22	("5508709").URPN.	USPAT	OR	OFF	2005/01/11 17:46
S21 6	2539	343/700,702.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 09:53

S21 7	1	S216 and ((dipole adj antenna) and (resonator) and (return adj loss))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 09:55
S21 8	28	S216 and ((resonator) and (return adj loss))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/01/12 09:55
S21 9	19	("1783025"   "2648771"   "4490727"   "4924238"   "5134419"   "5412392"   "5438339"   "5446469"   "5479178"   "5661495"   "5734352"   "5859617").PN. OR ("6163300").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 10:03
S22 0	1	"20040203570"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 11:24